

CONNECTED HOME MDU SOLUTIONS



SECTION E CONTENTS

CONNECTED HOME MDU SOLUTIONS	E1	Structured Media® Center Enclosures
	E3	Structured Media Panels
	E4	Voice & Data Modules, Expansion Boards, & Bracket
	E5	Data Networking
	E6	Power Supplies
	E7	TV/CATV Distribution & Camera Systems
	E8	Ophera Video Entry



MDU

14" ENCLOSURES & COVERS

- Entry-level home network series creates a central distribution point for all low voltage cables
- Accommodates pre-configured structured cabling panels and components
- White, powder-coated steel construction

28" & 42" ENCLOSURES & COVERS

- Command central for virtually all technology including networking, DSL, cable Internet modem, satellite video, camera, VoIP, fax, telephone, intercom, and audio
- Available in highrise MDU version
- White, powder-coated steel construction
- 28" enclosure accommodates up to 8 distribution modules
- 42" enclosure accommodates up to 12 modules

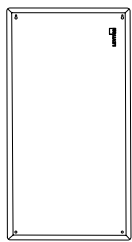
COMPACT ENCLOSURES

- Compact, cost-effective distribution point for media in smaller apartments and condominiums
- Accommodates a variety of telephone and video configurations
- Holds up to three expansion boards and one passive video splitter
- ABS injection-molded plastic construction

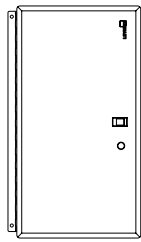
14" STRUCTURED MEDIA ENCLOSURES & COVERS	
DESCRIPTION	PART NO.
14" Enclosure and Flush Mount Cover, 15.32" (389.1mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-140
[A] 14" Enclosure only, 14.0" (355.6mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-14E
14" Multi-Dwelling Unit Configuration A Enclosure and Flush Mount Cover, 15.32" (389.1mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-1MG
[B] 14" Flush Mount Cover, 15.32" (389.1mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-14C
14" Economy Hinged Cover, 15.32" (389.1mm) H x 15.62" (396.7mm) W x 0.25" (6.4 mm) D	47605-14D
[C] 14" Premium Hinged Cover, 15.32" (389.1mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-14P
14" Enclosure only, job packed, 6 per pack, 14.0" (355.6mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-14G
14" Flush Mount Cover only, job packed, 6 per pack 15.32" (389.1mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-14B
28" STRUCTURED MEDIA ENCLOSURES & COVERS	
28" Enclosure and Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-28W
[D] 28" Enclosure only, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-28N
28" Multi-Dwelling Unit Configuration A Enclosure and Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-2MG
28" Multi-Dwelling Unit Configuration B Enclosure only, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-M28
28" Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-F28
28" Economy Hinged Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-28D
[E] 28" Premium Hinged Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-28P
28" Enclosure only, job packed, 3 per pack, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-28G
28" Flush Mount Cover only, job packed, 3 per pack, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-28B
[F] 28" Pre-Fab Back Plate, 25" (635.0mm) H x 13.5" (342.9mm) W x 0.38" (9.65mm) D	47605-2BP
42" STRUCTURED MEDIA ENCLOSURES & COVERS	
42" Enclosure and Flush Mount Cover, 43.32" (1,100.3mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-42W
42" Enclosure only, 42.16" (1,070.8mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-42N
42" Multi-Dwelling Unit Configuration A Enclosure and Flush Mount Cover, 43.32" (1,100.3mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-4MG
42" Multi-Dwelling Unit Configuration B Enclosure only, 42.16" (1,070.8mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-M42
42" Flush Mount Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-F42
42" Economy Hinged Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-42D
42" Premium Hinged Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-42P
42" Pre-Fab Back Plate, 40.0" (1,016.0mm) H x 13.5" (342.9mm) W x 0.38" (9.65mm) D	47605-4BP
COMPACT STRUCTURED MEDIA ENCLOSURES & COVERS	
[G] Compact Enclosure and Cover, empty	47605-MDU
[H] Compact Enclosure and Cover plus 1x6 Telephone Expansion Board	47604-OF6
[I] Compact Enclosure and Cover plus 1x6 Telephone Expansion Board and 6-way 1 GHz TV Splitter	47604-F65

MDU

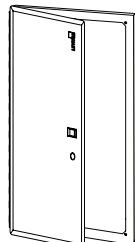
Choosing Your Structured Media Center Enclosure Cover or Door



Standard Cover
Screws directly to enclosure frame.



Standard Hinged Door
Hinged flange attaches to left or right side of enclosure.

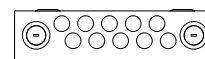


Premium Hinged Door
Full-frame design adds durability and security. Door hinges from left or right.

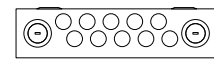
MDU Structured Media Center Enclosure End Caps

MDU Configuration A

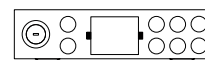
MDU Configuration B



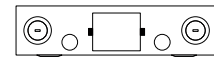
Top



Top



Bottom



Bottom

Knockout sizes support 1" and 2" commercial conduit.



TWIST & MOUNT PATCH PANELS

- Low-profile, high-density, component-rated patching for both voice and Gigabit Ethernet connections
- Offered in CAT 6, CAT 5e, and CAT 6/CAT 5e combined configurations
- Universal T568A and T568B wiring labels ensure compatibility in both residential and commercial installations
- Meet or exceed all TIA-568-C.2 bend radius requirements
- Feature simple twist and mount installation
- Available in 12- and 24- port versions
- Fit in Structured Media Enclosures

TELEPHONE INPUT DISTRIBUTION PANEL (TIDP)

- Supports four line telephone distribution
- Offers choice of inputs and outputs: one 4-pair 110-style IDC input, four industry-standard RJ-11 jack inputs for use with “triple play” modems, or twelve modular industry-standard RJ-45 jack outputs
- Includes a security jack for interface with security systems
- Test and auxiliary disconnect outlet (ADO) ports for isolation and testing of telephone line connections
- Includes twelve 8" telephone patch cords

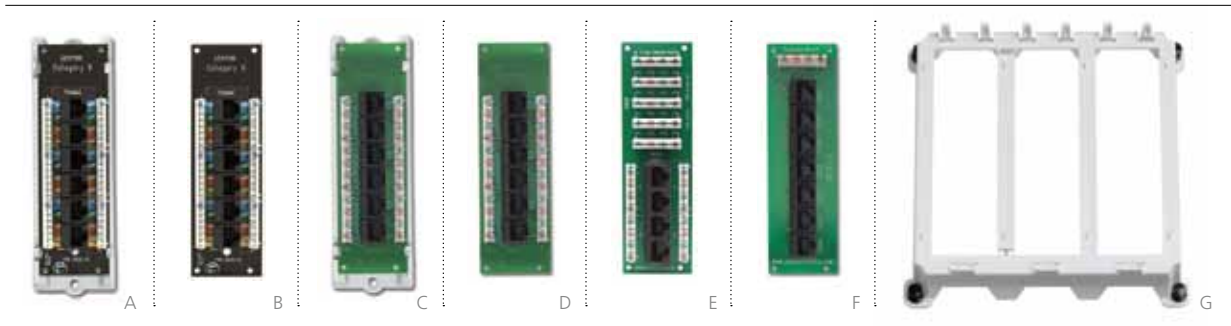
COMPACT SERIES STRUCTURED MEDIA CABLING PANELS

- An ideal solution for basic telephone, data, security interface, and TV distribution in MDUs where space and budget are of primary concern
- Space-saving profile provides four to nine bridged telephone connections, up to four CAT 5e data connections, and up to eight video connections, depending on the panel selected

MDU

LOW-PROFILE / HIGH-DENSITY INTERCONNECT PANELS	
DESCRIPTION	PART NO.
Twist & Mount Patch Panel – 12 ports each of CAT 6 and CAT 5e (24 ports total)	476TM-654
Twist & Mount Patch Panel – 24 ports of CAT 6	476TM-624
Twist & Mount Patch Panel – 24 ports of CAT 5e	476TM-524
Twist & Mount Patch Panel – 6 ports each of CAT 6 and CAT 5e (12 ports total)	476TM-652
Twist & Mount Patch Panel – 12 ports of CAT 6	476TM-612
[A] Twist & Mount Patch Panel – 12 ports of CAT 5e	476TM-512
[B] Telephone Input Distribution Panel (TIDP)	476TL-T12
COMPACT SERIES STRUCTURED MEDIA CABLING PANELS	
DESCRIPTION	PART NO.
1x9 Bridged Telephone and 4-way 1GHz TV Splitter	47603-1G4
[C] 1x9 Bridged Telephone and 6-way 1GHz TV Splitter	47603-1G6
[D] 1x4 Bridged Telephone, 4 Data, and 6-way 1GHz TV Splitter	47603-DP6
1x9 Bridged Telephone and 8-way 1GHz TV Splitter	47603-1G8
[E] 1x7 Bridged Telephone, security interface and 6-way 1GHz TV Splitter	47603-TSV

All low-profile/high-density interconnect panels include a black ABS plastic mounting bracket.

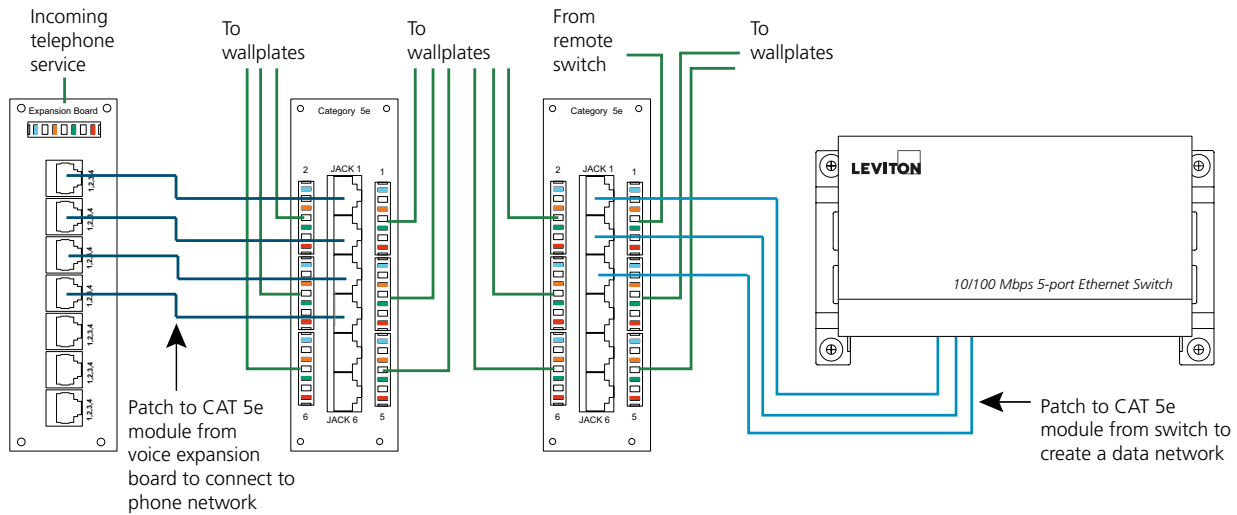


VOICE & DATA MODULES & EXPANSION BOARDS

- Versatile expansion boards for specific MDU applications
- Available as an individual board or as a complete bracket-mounted module

STRUCTURED MEDIA® BRACKET

- Accommodates up to three expansion boards
- Snap-in installation in any 14", 28", or 42" Structured Media Center
- Allows for cable management via routing under bracket



MDU

VOICE & DATA MODULES & EXPANSION BOARDS	
DESCRIPTION	PART NO.
[A] CAT 6 Voice and Data Module, 6-port	47611-C6B
[B] CAT 6 Voice and Data Board, 6-port	47611-OC6
[C] CAT 5e Voice and Data Module, 6-port	47605-C5B
[D] CAT 5e Voice and Data Board, 6-port	47603-OC5
[E] 1x4 4-Line Bridged Phone and 4-Port CAT 5e Board	47609-4DP
[F] Telephone Patching Expansion Board, 7-port	47609-EMP
DSL Filter Module	47616-DSB
DSL Filter Expansion Board	47616-DSF
STRUCTURED MEDIA BRACKET	
DESCRIPTION	PART NO.
[G] Half-Width Mounting Bracket	47612-HBK

ACCESSORIES	
DESCRIPTION	PART NO.
Push-Lock Pins for Enclosure (20 per pack)	47615-NYL
4x4 Telephone Line Breakout Module	47609-4X4
Push-Lock Pins	Breakout Module



10/100/1000 GIGABIT ROUTER

- Leviton gigabit router delivers fast broadband distribution throughout the residential network
- Multiple VPN capability allows individual users to securely access, separate VPNs over the same connection
- LEDs indicate power; LINK/Activity; and 10, 100, or 1000 Mbps
- Quality of Service (QoS) for VoIP and video streaming
- Built-in network address translation (NAT) firewall protects networks and provides secure communication for the network user even during multiple VPN use
- URL blocking feature filters unwanted sites
- UPnP (Universal Plug-n-Play) allows automatic discovery and configuration of the Gateway UPnP supported by Windows® Me, XP or later
- Scheduling feature for parental control of Internet access periods
- Upgradeable by firmware updates at leviton.com

10/100 ROUTER

- Enables multiple users to share a single, secure high-speed Internet connection
- Includes 4 ports for in-home LAN connections
- Supports CAT 5e UTP

10/100/1000 GIGABIT ETHERNET SWITCH

- 10/100/1000 Mbps data transfer rate
- Five RJ-45 connector LAN ports
- LEDs indicate power; LINK/Activity; and 10, 100, or 1000 Mbps
- Plug-n-Play installation
- Auto detect uplink to easily cascade additional hubs, switches, and routers from any port
- Features high-performance store-and-forward switching architecture with CRC

10/100 ETHERNET SWITCHES

- Network additional PCs, printers, and other peripherals beyond router capacity
- Connect to many home office Ethernet devices
- Available in 5- and 8-port versions
- Support CAT 5e UTP

DATA NETWORKING ROUTERS & SWITCHES	
DESCRIPTION	PART NO.
[A] 10/100/1000 Gigabit 4-Port Router	47611-GB4
[B] 10/100/1000 Gigabit 5-Port Ethernet Switch	47611-5GB
10/100 4-Port Internet Router	47611-GT4
[C] 10/100 8-Port Ethernet Switch	47611-8PT
[D] 10/100 5-Port Ethernet Switch	47611-5PT



Provide AC or DC power with Leviton's power supplies. Available with or without surge protection, all models are compatible with our 14", 28" and 42" Structured Media® Center enclosures and all surge protection devices meet UL 1449 EMI/RFI filtering standards.

VERSATILE DC POWER SUPPLY

- 120VAC - 60Hz input
- Six 12VDC outputs with surge protection at 3.34A total
- Two NEMA 5-15 AC receptacles at 15A total

UNIVERSAL MINI DC POWER SUPPLY

- 90 - 264VAC - 50/60Hz input
- Three 12VDC outputs with surge protection at 833mA total

UNIVERSAL DC POWER SUPPLY

- 100 - 240VAC - 50/60Hz input
- Nine 12VDC outputs with surge protection at 3.34A total
- One IEC AC power receptacle
- For North American and international use



POWER SUPPLIES	
DESCRIPTION	PART NO.
[A] Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACS
Non-Surge J-Box Kit, one duplex receptacle, wallplate	47605-ACN
[B] Surge AC Power Module, two duplex receptacles	47605-0DP
Non-Surge AC Power Module, two duplex receptacles	47605-NDP
[C] Versatile Power Supply, six 12VDC connectors and two NEMA 15A receptacles	47605-PSC
[D] AC Surge Module, six receptacles	48212-06S
[E] Universal DC Power Supply, nine 12VDC connectors and one IEC AC receptacle	47605-PSA
[F] Universal Mini DC Power Supply, three 12VDC connectors	47605-PSB



PREMIUM AMPLIFIED CATV/HDTV MODULE

- Distributes incoming RF signals from modulated sources to up to eight locations through coax cable
- Bi-directional circuitry supports advanced interactive applications, as well as standard inputs
- Forward path internal amplifier provides equal input and output level on all ports; reverse path is not affected
- SCTE and DOCSIS compliant
- HDTV and digital cable ready

PASSIVE TV/CATV SPLITTERS

- Split signals to four, six, or eight TVs throughout the home
- Provide digital cable, cable TV, and other TV services via coaxial cable
- Lightweight, strong die-cast housing
- HDTV and digital cable ready
- SCTE-compliant

CAMERAS

- Indoor Camera is a flush-mount Decora® wallplate insert, clear and smoke lenses included
- Outdoor Camera delivers 24-hour video feed with automatic infrared illumination
- Each model requires only one CAT 5e cable for video and power connectivity
- Both models are high-resolution, full-color, 420-line cameras

CAMERA HUBS

- Power cameras and separate out video signals to other video equipment at the Structured Media® Center
- Standard 110-style IDC terminations or 8P8C jacks for connection to camera UTP cabling
- Install in a single Leviton bracket space in the Structured Media Center

VIDEO MODULES	
DESCRIPTION	PART NO.
[A] 1x8 Premium Amplified CATV Module, SCTE / HDTV / DOCSIS transmission compliant	47693-08P
[B] 1x4 Passive TV/CATV 1GHz Splitter Module	47690-04C
[C] 1x6 Passive TV/CATV 1GHz Splitter Module	47690-06C
[D] 1x8 Passive TV/CATV 1GHz Splitter Module	47690-08C
HOME MONITORING	
[E] Indoor Camera	VSIND-05C
[F] Outdoor Camera	VSOUT-00W
[G] Camera Hub w/ IDC Connectors	VSHUB-IDC
[H] Camera Hub	VSHUB-000

MDU



OPHERA VIDEO ENTRY SYSTEM

- Door-release capable with delay
- Up to 100 stations per system
- 2,133 feet maximum cable per system
- Analog system uses CAT 5e and 18-2 gauge cabling
- Choose single button or digital keypad panels

Hands-Free Receiver

- 3.5" color monitor on receiver
- 2-wire installation
- Adjustable display tilts 20°
- Mute, privacy and control buttons
- Call waiting notification
- Receiver includes three color inserts: orange, arctic blue, white
- Audio intercom function in up to eight receivers per apartment or suite

Entry Panels

- Weather-resistant video entry stations
- Integrated low-light color video camera with adjustable angle view
- LED backlit buttons
- LCD display on keypad model
- Up to four entry panels per system

OPHERA VIDEO ENTRY SYSTEM	
DESCRIPTION	PART NO.
[A] Hands-Free Color Receiver (with 3 color inserts)	BR200-00W
[B] 1-Button Video Entry Panel, grey, color camera	BR102-01G
[C] Digital Entry Panel with name directory, grey (requires BR102-01G)	BR200-DPG
Receiver Mounting Box	BR200-BOX
Receiver Surface-Mount Wall Support, white	BR300-SMK
Interface Module for Digital Entry Panel	BT500-HAC
Plastic Embedding Box	BT700-HTI
Plastic Embedding Box with frame, grey	BT700-HTG
Metal Embedding Box	BT700-VTS
Control Unit and Power Supply, 120-127V, 60Hz (12 DIN)	BC100-OVA
Power Supply, 120-127V, 60Hz, 17.5VDC, 1.7A (8 DIN)	BC100-VAS
Video Distribution Module, 4 output	BC200-4VD
Amplified Video Distribution Module, 4 output	BC200-AVD
Intercom Selector	BC300-VSE
Line Repeater, 120-127V, 60Hz (12DIN)	BC100-XAS

